

SIREMOBIL Iso-C

SP

Installation Instructions

System

Laser light localizer

Also applicable for:
ARCADIS Orbic

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Document revision level

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Safety instructions

NOTICE

Important safety information!

- ⇒ When performing the work steps and tests described herein, observe the product-specific safety information contained in the documents, as well as the general safety information TD00-000.860.01....
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Notes and symbols

Text emphasized in technical documentation has the following meaning:




 DANGER	DANGER indicates when there is an immediate danger that l e a d s to death or serious physical injury.
 WARNING	WARNING indicates a risk of danger that m a y l e a d to death or serious physical injury.
 CAUTION	CAUTION used with the safety alert symbol indicates a risk of danger that leads to slight or moderate physical injury and/ or damage to property.
NOTICE	NOTICE used without the safety alert symbol indicates a risk of danger that if disregarded leads or may lead to a potential situation which may result in an undesirable result or state other than death, physical injury or property damage.

Fig. 1: Safety Notes

Laser light localizer isocenter

For simple positioning of the patient without radiation, the horizontal axis and consequently the isocenter of the new C-arm family should be able to be marked in addition to the already existing "I.I. laser light localizer positioning aid".

Switching the laser light localizer on and off

The laser light localizer is switched on and off directly at the housing of the laser unit by pressing a button.

Power supply via battery

Power should be supplied via button cell 1.5 V batteries or corresponding accumulators. This yields a continuous operation time of approx. 4 hours.

Automatic switch off

After 60 seconds, the laser switches off automatically to prevent the batteries from being run down.

Required parts

Complete laser light localizer

71 39 897 G5486

Warning label according to IEC 825 (text and symbol)

Identification label

For U.S.A.: Warning logo type "Laser class 2"

DHHS certification label

Required aids

Tool kit incl. 6-mm drill bit

Electric hand drill

Laser safety instructions

A laser light localizer of laser class 2 (ICE 825) is used and is on the horizontal axis of the C-arm.

Laser light localizer isocenter labeling

The following identification labels are included with delivery.
These are to be attached to the laser light localizer.

Labeling in USA

- Attach the appropriate labels.

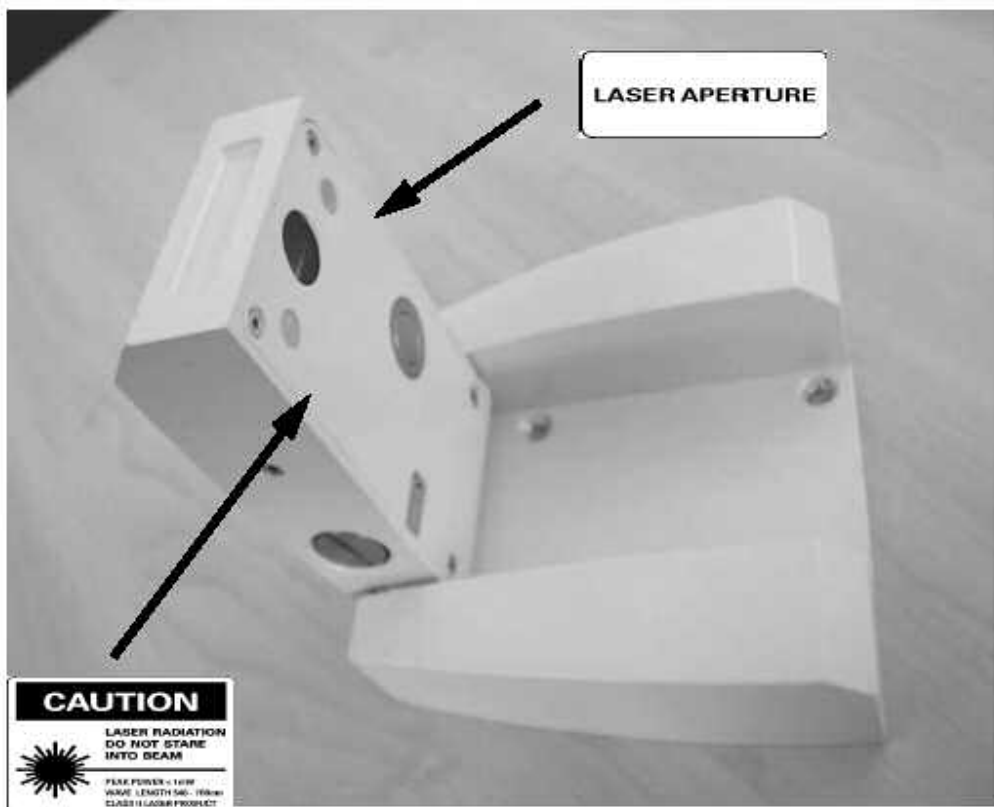


Fig. 2: Labeling in USA

Labeling outside USA

- Attach the appropriate labels.

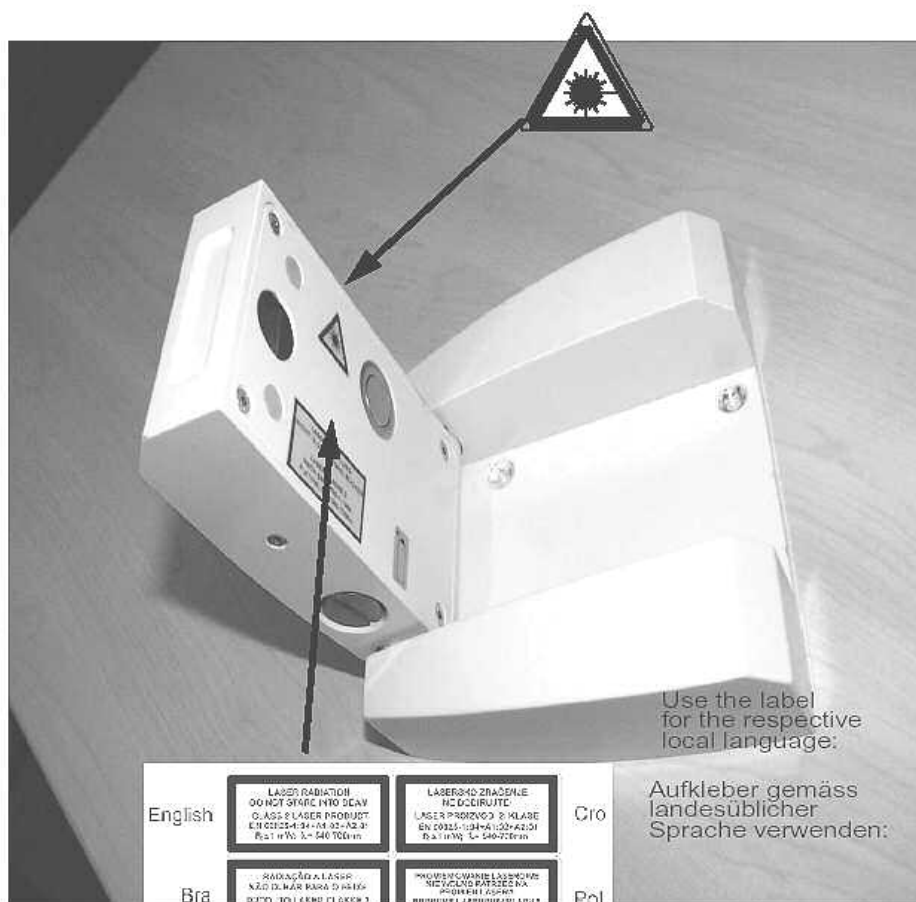


Fig. 3: Labeling outside USA

Installation

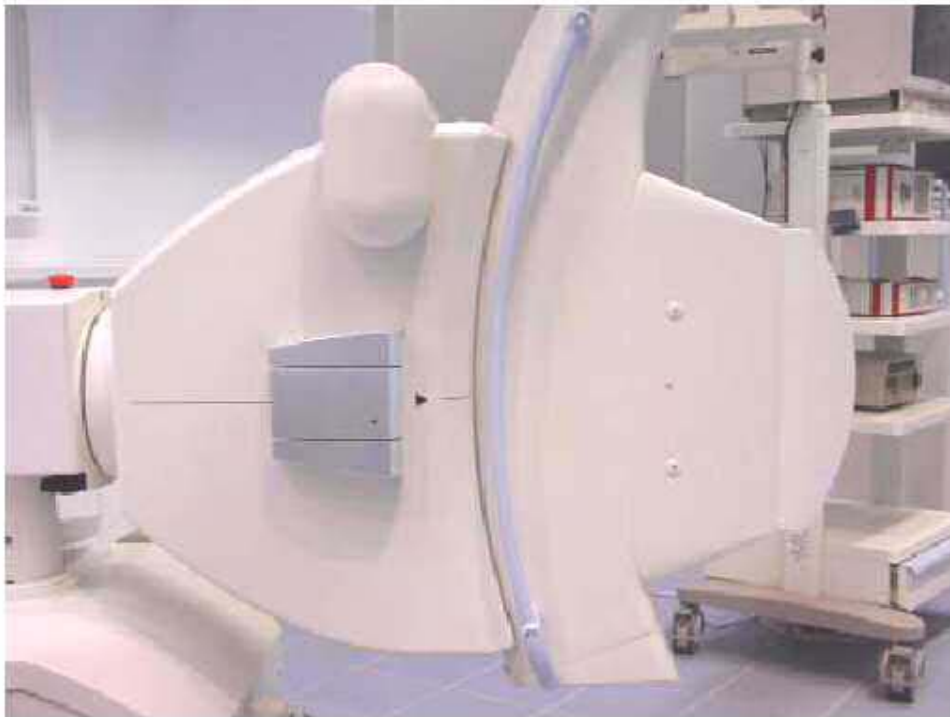


Fig. 4: Laser light localizer isocenter completely installed

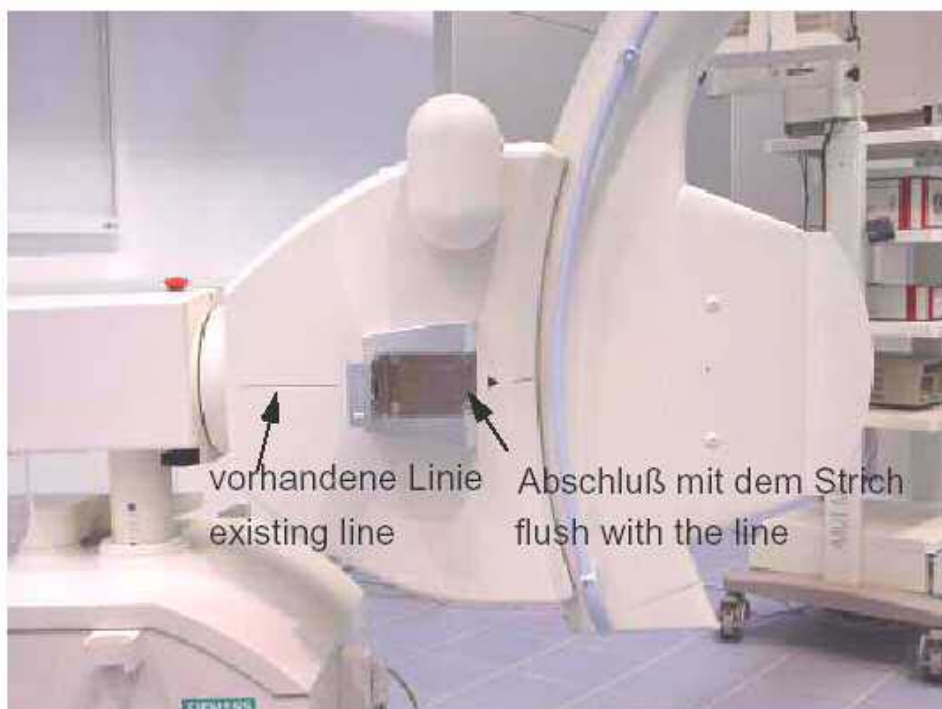


Fig. 5: Mark

- The SIREMOBIL Iso-C/ ARCADIS Orbic is switched off.
- The holes can also be marked when the cable module cover is removed.

- Open the laser light localizer.
- Secure the laser light localizer - as shown in figure (Fig. 5 / p. 10) - to the cable module cover; notches are provided in the laser light localizer for this purpose.
These notches must point toward the existing line.
- The front part of the laser light localizer is flush with the existing line.
- Mark the holes.
- If not already performed, remove the cable module cover.

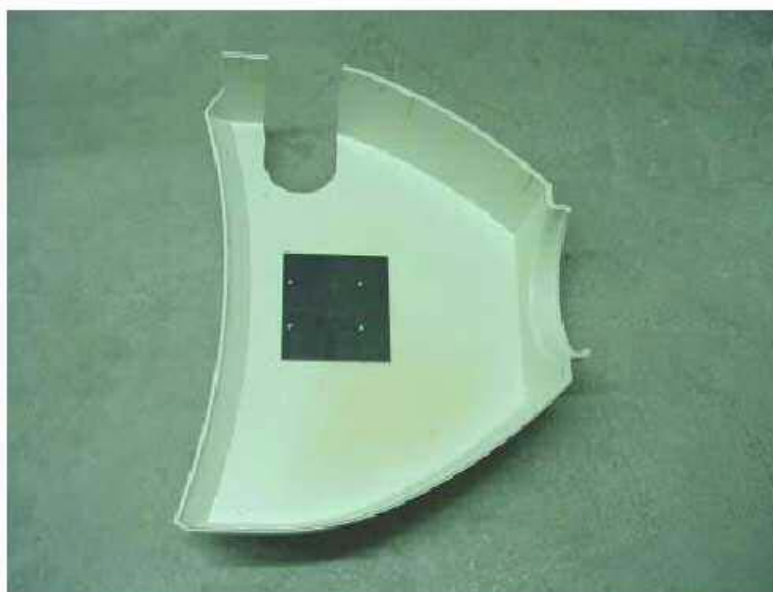


Fig. 6: Mounted holding plate

- Use a 6-mm drill bit to make holes at the 4 markings, see (Fig. 6 / p. 11).
- Screw the laser light localizer on using the supplied plate.
- Reattach the cable module cover to the SIREMOBIL Iso-C/ ARCADIS Orbic.

Adjusting the laser



Fig. 7: Laser adjustment

- The laser light localizer has two Allen screws which can be used to adjust the height and tilt of the laser beam.
- Set the laser beam to the center of the image intensifier as specified by the two screws at the image intensifier.

Only editorial changes and converted to DMS.

